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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/721,342

11/26/2003

Tetsuya Sano

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EXAMINER

RUDOLPH, VINCENT M

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

09/19/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/721,342	Applicant(s) SANO, TETSUYA	
	Examiner Vincent M. Rudolph	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. Claims 1-6 are rejected under 35 U.S.C. 102(a) as being anticipated by Nagata (Pub # 20030053096).
4. Regarding claim 1, Nagata (Pub # 20030053096) discloses an imposition apparatus (computer, See Figure 1, Element 1000) that includes a paper image creating section (bit map data conversion portion, See Figure 1, Element 2005) that creates a paper image in a manner that an imposition for a page frame is applied onto the paper (it determines whether marginless printing is set to be applied onto paper, See Page 5, Paragraph 0086), and a page that includes an image is disposed in the page frame on a layout in which an imaginary page frame including the page frame is setup so that the whole image in the page is disposed (when marginless printing is specified, a user is able to adjust the width for the outputting page, See Page 4, Paragraph 0077), an output processing section (printer driver, See Figure 1, Element 2000) that causes an image output machine (printer, See Figure 1, Element 3000) for outputting an image on

the paper by applying the paper image created in the paper image creating section (See Page 4, Paragraph 0071-0073), and a processing interruption section that interrupts a series of processing of creating the paper image as well as outputting it whenever the page disposed on the layout juts out of the imaginary page frame (if the overrunning width is not found to be specified and once decided that the process should be ended, the output method is closed, See Page 4, Paragraph 0080).

Regarding claim 2, Nagata (Pub # 20030053096) discloses that the imaginary page frame includes a predetermined width of margin surrounding a periphery of the page frame (overrunning width recommended for the printer, See Page 4, Paragraph 0078).

Regarding claim 3, Nagata (Pub # 20030053096) discloses an imposition apparatus (computer, See Figure 1, Element 1000) in which a page that includes an image is disposed in the page frame on a layout in which an imposition for at least one page frame is applied onto a paper (when marginless printing is specified, a user is able to adjust the width to be applied for the outputting page, See Page 4, Paragraph 0077). This includes a page size adjusting section (output method setting portion, See Figure 1, Element 2001) that performs a size adjustment to coincide the page disposed on the layout with an imaginary page frame that is larger than the one in the layout (user is able to change the width for the image onto a page frame, See Page 4, Paragraph 0079), and a paper image creating section (bit map data conversion portion, See Figure 1, Element 2005) that creates a paper image in such a manner that the page adjusted in size is disposed in the page frame on the layout so that the whole image in the page is

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disposed (the adjusted sizes from the image are checked to make sure they agree with the printer recommended widths, See Page 5-6, Paragraph 0094).

Regarding claims 4-6, the rationale provided in the rejection of claims 1-3 is incorporated herein. In addition, the apparatus of claim 2 corresponds to the apparatus of claim 4 as well as the apparatus of claims 1 and 3 corresponds to the program (stored in RAM, See Figure 1, Element 1002) of claim 5 and the apparatus of claim 6 and performs the steps disclosed herein.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent M. Rudolph whose telephone number is (571) 272-8243. The examiner can normally be reached on Monday through Friday 8 A.M. - 4:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Aung Moe can be reached on (571) 272-7314. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

9/7/07

VMR

Vincent M. Rudolph
Examiner
Art Unit 2625


AUNG S. MOE
SUPERVISORY PATENT EXAMINER
9/11/07